

## UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 1 5 POST OFFICE SQUARE, SUITE 100 BOSTON, MA 02109-3912

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ENVIRONMENTAL SERVICES

Mr. Paul Currier, P.E. Administrator, Watershed Management Bureau New Hampshire Department of Environmental Services 29 Hazen Drive P.O. Box 95 Concord, NH 03302-0095

Dear Mr. Currier:

Thank you for requesting that the U.S. Environmental Protection Agency (EPA) consider approving TMDLs for 8 beach assessment units which are presently listed as impaired on New Hampshire's 2010 303(d) list for aquatic life use support due to low pH resulting from atmospheric acid deposition. As stated in a letter from NHDES, dated January 18, 2011, these assessment units represent beaches located on lakes or ponds that already have approved TMDLs for acid deposition. The EPA agrees that the TMDLs established for each lake as a whole, would also apply to the beach assessment units.

Therefore, the EPA has determined that the FY07 TMDL approvals for the lakes and ponds are sufficient to address the impacts of acid deposition on each of the 8 beach assessment units. The beach assessment units and associated lakes/ponds are presented in Table 1. Please feel free to contact me or Steven Winnett of my staff (617 918-1687) if you have any questions.

Sincerely,

Stephen S. Perkins, Director Office of Ecosystem Protection

Enclosure

cc:

Harry Stewart (NHDES)

Gregg Comstock (NHDES)

Peg Foss (NHDES) Stephen Silva (EPA)

Steven Winnett (EPA)

Table 1. Acid impaired beach assessment units and associated lakes/ponds.

AU Count	AUID	AUName	Town	Parent Waterbody	TMDL ID Number
1	NHIMP700061403-04-02	Tricklin' Falls Beach	Kingston	Pow-wow Pond	33878
2	NHLAK600020605-02-02	State Park Beach	Tamworth	White Lake	11460
3	NHLAK700030302-04-02	Massasecum Casino Beach	Bradford	Lake Massasecum	33878
4	NHLAK700030302-04-03	French's Park Town Beach	Bradford	Lake Massasecum	33878
5	NHLAK700030302-04-04	Camp Piesaule Beach	Bradford	Lake Massasecum	33878
6	NHLAK700061101-01-02	Chase's Grove	Hampstead	Island Pond	33878
7	NHLAK700061101-01-03	Sanborn Shore Acres	Hampstead	Island Pond	33878
8	NHLAK802010101-06-02	Town Beach	Washington	Millen Pond	11500

FY11 TMDLs for Acid Impaired Pond Beaches in New Hampshire TMDL:

New Hampshire has requested approval of 8 TMDLs that address pH Introduction:

impairments in 8 pond beachess. The TMDLs establish critical loads of

acidity that will result in attainment of the State's pH criterion of 6.5 SU.

January 26, 2011 Date of Review:

## REVIEW ELEMENTS OF TMDLs

Section 303(d) of the Clean Water Act (CWA) and EPA's implementing regulations at 40 C.F.R. § 130 describe the statutory and regulatory requirements for approvable TMDLs. The following information is generally necessary for EPA to determine if a submitted TMDL fulfills the legal requirements for approval under Section 303(d) and EPA regulations, and should be included in the submittal package. Use of the verb "must" below denotes information that is required to be submitted because it relates to elements of the TMDL required by the CWA and by regulation.

## Please see:

- Approval letter dated January 26, 2011
- List of impaired waters (attached)
- Approval document for 158 Acid Impaired Ponds in New Hampshire, dated September 19, 2007.

Data for entry in EPA's National I/MD. Pracking System.   Number of TIMDLs*   PH	PA's National TMDL Tracking System   Eight Acid Beaches   Eight Acid B			Vashington	n, Tamworth, V	stead, Kingsto	Bradford, Hampstead, Kingston, Tamworth, Washington	A-A-BOOKS AND	Towns affected*
PA's National TMDL   Tracking System	PA's National TMDL Tracking System   Eight Acid Beaches   Eight Acid B				A. A		No		EPA Developed
PA's National TMDL   Tracking System	PA's National TMDL Tracking System   Eight Acid Beaches	THE STATE OF THE S					Jan 26, 2011	/al)*	Establishment Date (approv
PA's National TMDL   Tracking System	PA's National TMDL Tracking System   Eight Acid Beaches		ACCEPTANCE OF THE PARTY OF THE	<u> </u>		es e	Nonpoint Source		TMDL Type
PA's National TMDL   Tracking System	PA's National TMDL Tracking System   Eight Acid Beaches   PH	Yes, bacteria &	Education 1		pH 6.5	pH	33 (pH)	NHLAK802010101-06-02	Town Beach on Millen Pond
PA's National TMDL   Tracking System	PA's National TMDL Tracking System   Eight Acid Beaches   PH				pH 6.5	pH	33 (pH)	NHLAK700061101-01-03	Sanborn Shore Acres on Island Pond
PA's National TMDL Tracking System   Eight Acid Beaches	PA's National TMDL Tracking System   Eight Acid Beaches   PH	Yes, bacteria	a consistence of the constant		pH 6.5	pH	33 (pH)	NHLAK700061101-01-02	Chase's Grove on Island Pond
PA's National TMDL Tracking System	PA's National TMDL Tracking System   Eight Acid Beaches	Yes, DO sat	a de la constante de la consta		pH 6.5	pH	33 (pH)	NHLAK700030302-04-04	Camp Piesaule Beach on Lake Massasecum
PA's National TMDL   Tracking System	PA's National TMDL Tracking System   Eight Acid Beaches   PH	Yes, DO sat	audatoratora e		pH 6.5	pH	33 (pH)	NHLAK700030302-04-03	French's Park Town Beach on Lake Massasecum
PA's National TMDL Tracking System   Eight Acid Beaches   Eight Acid Beaches	PA's National TMDL Tracking System	Yes, DO sat			pH 6.5	pH	33 (pH)		Massasecum Casino Beach on Lake Massasecum
PA's National TMDL Tracking System	PA's National TMDL Tracking System   Eight Acid Beaches	Yes, bacteria	- 100-4 TROPOTOTO TO THE TOTAL THE TOTAL TO THE TOTAL TOT		pH 6.5	pΗ	33 (pH)	NHLAK600020605-02-02	State Park Beach on White Lake
PA's National TMDL Tracking System           Eight Acid Beaches           Bight Acid Beaches           pH           Isses (from 303(d) list)         8           New Hampshire (NH)           Final           Issted below           TMDL Segment ID# DH & name         TMDL Pollutant Impairment endpoint         Pollutant endpoint         Unlisted? Source & ID#           Cause(s)         NHDES Point Source & ID#	PA's National TMDL Tracking System   Eight Acid Beaches   8				pH 6.5	рН	33 (pH)	NHIMP700061403-04-02	Tricklin' Falls Beach on Pow-wow Pond
PA's National TMDL Tracking System           Eight Acid Beaches         Eight Acid Beaches           8         9H           ses (from 303(d) list)         8           New Hampshire (NH)         Final           listed below         Final	PA's National TMDL Tracking System           Eight Acid Beaches           8         8           ses (from 303(d) list)         8           New Hampshire (NH)         Final           listed below         Final	Listed for anything else?	NHDES Point Source & D#	Unlisted?	Pollutant endpoint	TMDL Impairment Cause(s)	TMDL Pollutant ID# & name	TMDL Segment ID#	TMDL Segment name
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y in EPA's National TMDL T	y in EPA's National TMDL T					- Administration		8	Number of TMDLs*
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